SMA Female to TNC Female Cable in 150 CM Length Using RG223 Coax

The SMA female to TNC female cable using RG223 coax, part number FMCA2743-150CM, from Fairview Microwave is in-stock and ships same day. This Fairview SMA to TNC cable assembly has a female to female gender configuration with 50 ohm flexible RG223 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

Configuration:

- SMA Female
- TNC Female
- RG223

Features:

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

Applications:

- General Purpose
- Laboratory Use

Electrical Specifications

Description	Min	Typ	Max	Units
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length*	59.06 in [150.01 cm]
Weight	0.1956 lbs [88.72 g]

Cable

Cable Type	RG223
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.21 in [5.33 mm]
One Time Minimum Bend Radius	1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	TNC Female
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	
Contact Plating Spec.	50µ in. minimum.	
Dielectric Type	PTFE	
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100µ in. minimum.	

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:
- Values at 25°C, sea level.

How to Order

Part Number Configuration: **FMCA2743   -   xx   uu**

cm = Centimeters
<blank> = Inches

Length

Example: FMCA2743-12 = 12 inches long cable
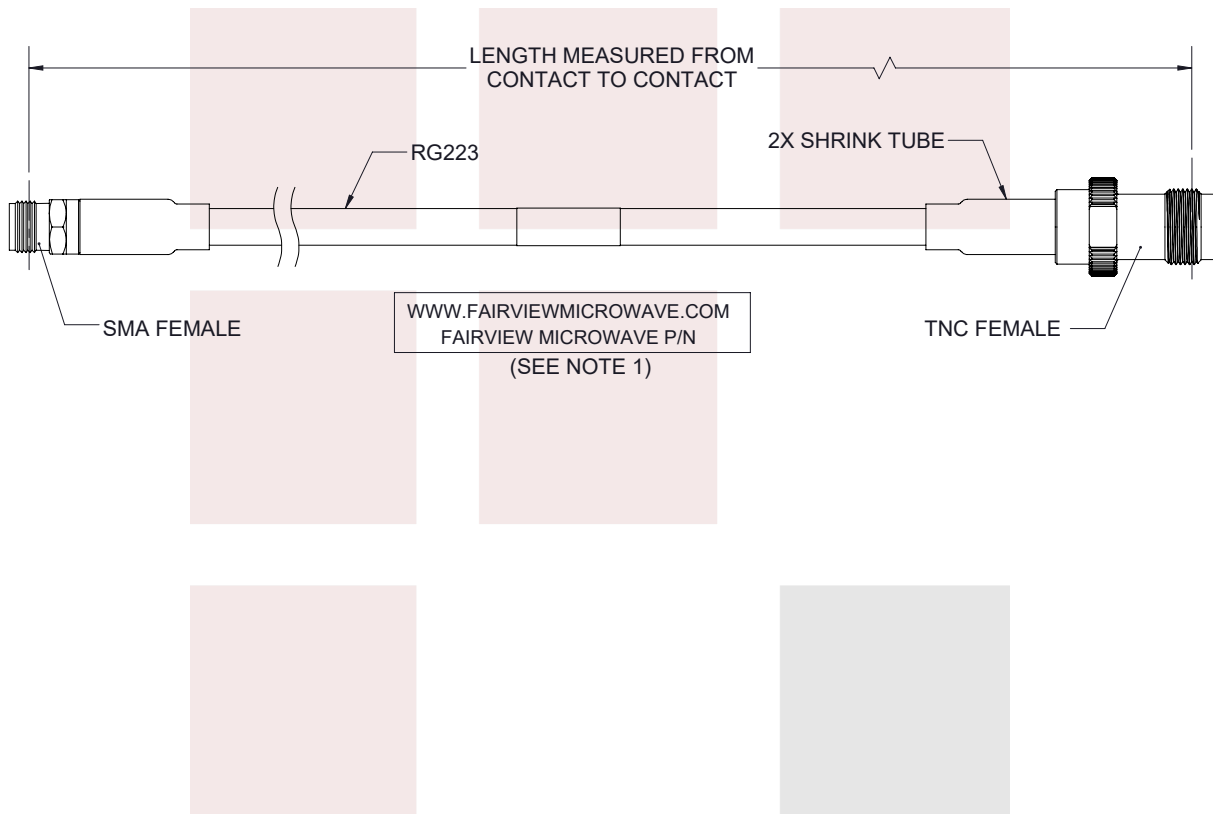FMCA2743-100cm = 100 cm long cable

SMA Female to TNC Female Cable in 150 CM Length Using RG223 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: SMA Female to TNC Female Cable in 150 CM Length Using RG223 Coax FMCA2743-150CM

URL: https://www.fairviewmicrowave.com/sma-female-to-tnc-female-cable-rg223-coax-in-150-cm-and-rohs-fmca2743-150cm-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	2/21/2022	AGANWANI

LENGTH MEASURED FROM CONTACT TO CONTACT

RG223

2X SHRINK TUBE

SMA FEMALE

WWW.FAIRVIEWMICROWAVE.COM
FAIRVIEW MICROWAVE P/N
(SEE NOTE 1)

TNC FEMALE

NOTES:
1. CABLES 36" AND UNDER HAVE 1 LABEL CENTERED.
CABLES OVER 36" HAVE 2 LABELS, ONE AT EACH END
6.0" FROM THE FRONT OF THE CONNECTOR.

Fairview Microwave
an INFINITe brand

TITLE

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

THIRD-ANGLE PROJECTION

TOLERANCES:

.X = ±.2 [5.08]
.XX = ±.02 [.51]
.XXX = ±.005 [.13]

FRACTIONS
± 1/32
ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

SHEET	OF
1	1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE: N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.		REV
A	3FKR5	MVEERAPPAN		FMCA2743	A

T-Rev.D